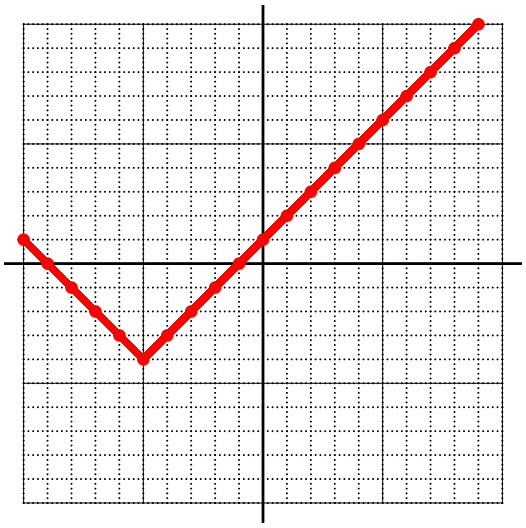
Name: Date:

PCW_09_29: Graph Parent Translations (version 0)

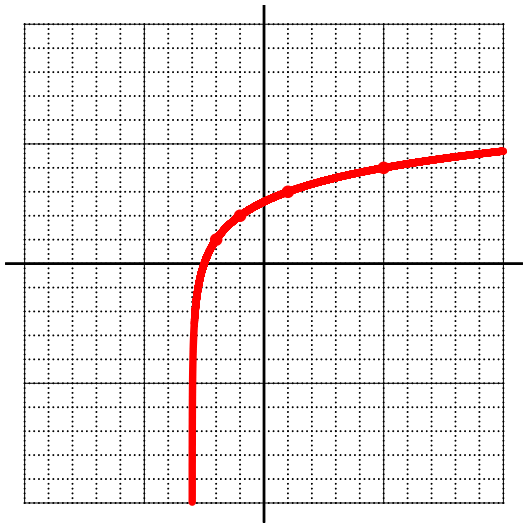
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10.

Clearly mark every solution where x and y are both integers with a small dot along the curve.

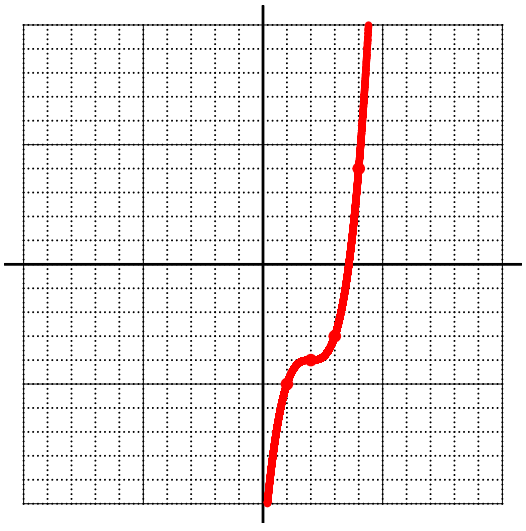
$y = |x+5| - 4$



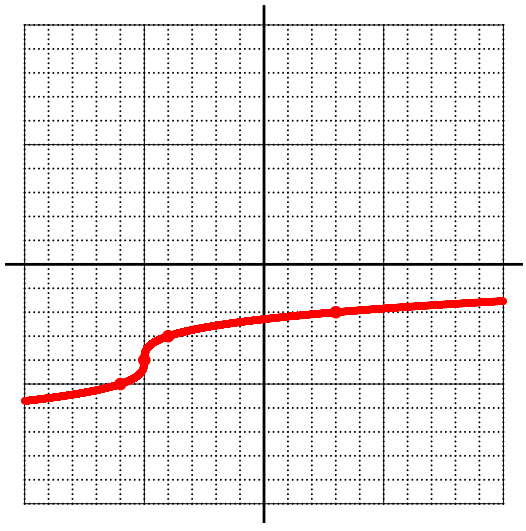
$y = \log_2(x+3) + 1$



$y = (x-2)^3 - 4$

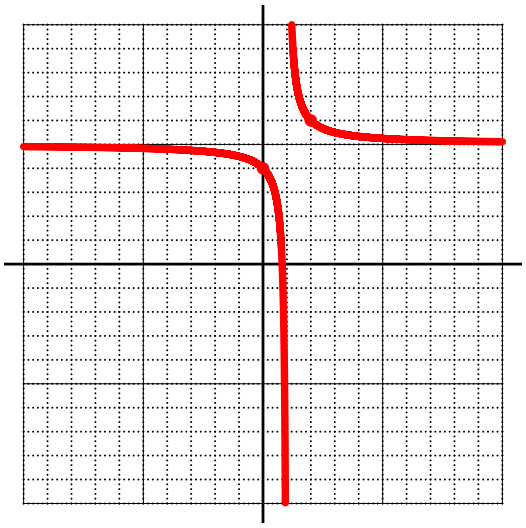


$y = \sqrt[3]{x+5} - 4$

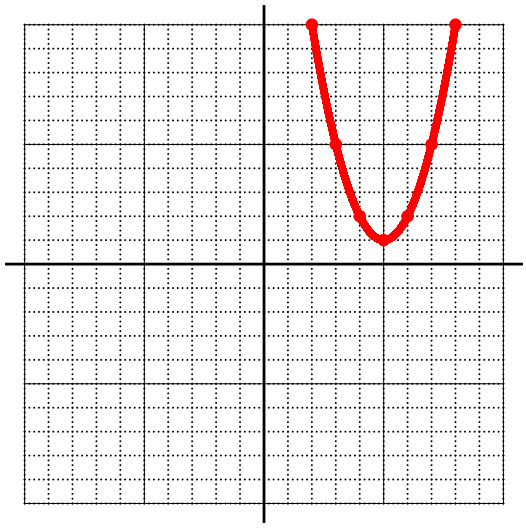


PCW_09_29: Graph Parent Translations (version 0)

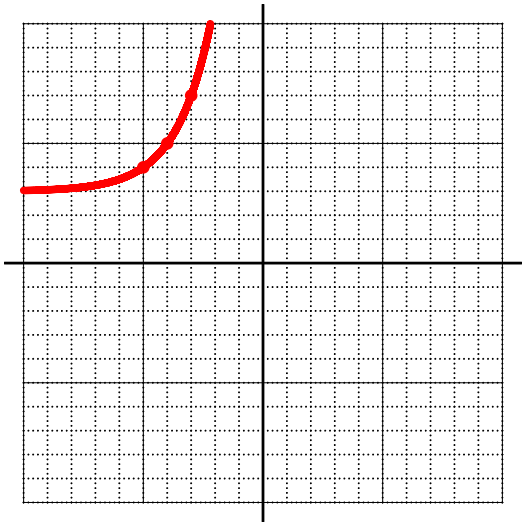
$y = \frac{1}{x-1} + 5$



$y = (x-5)^2 + 1$



$y = 2^{x+5} + 3$



$y = \sqrt{x+1} + 3$